

## PERSONAL DATA

Tin-Man Lau, Professor  
207 Wallace Hall, School of Industrial & Graphic Design  
Auburn University, Alabama 36849  
Office: 334-844-2373  
E-mail: lautinm@auburn.edu

## EDUCATION

M.A. in Industrial Design, The Ohio State University, Columbus, Ohio, U.S.A., June 1986.  
Research Project: An Approach to Establishing a Perspicuous Archetype for a Product.  
B.S. in Industrial Design, National Cheng Kung University, Tainan, Taiwan, R.O.C., June 1983.

## EMPLOYMENT (full-time in US)

Fall 2013 – present  
School of Industrial & Graphic Design, Auburn University  
MID Program Chair and Graduate Program Officer of Industrial Design  
Fall 1998 - present  
School of Industrial & Graphic Design, Auburn University  
Professor. Graduate Faculty since 1993.  
Fall 1991 – Summer 1998  
Department of Industrial Design, Auburn University  
Associate Professor (Tenured). Full Graduate Faculty since 1993.  
Fall 1986 - Summer 1991  
Associate Graduate Faculty since 1988.  
Department of Industrial Design, Auburn University.  
Assistant Professor. – Fall 1986

### 1. List of key honors in recent years

- Appointed as Advisory Council member of College of Design, Shu-Te University. 2010-2017
- Named by the Design Intelligence Magazine 4 times as one of the **Most Admired Educators of 2013, 2009, 2008, and 2007.**
- **Alumni Professorship** awarded by the Auburn Alumni Association. Fall 2010-Spring 2015.
- **Ulm Endowment Professorship** (2 years term) awarded by the College of Architecture, Design, and Construction, Auburn University from the period of Fall 2009 to Spring 2011, and Fall 2017 to Spring 2019.

### 2. List of scholarly contributions.

#### A. Teaching

- Directed **57** graduate students (graduated) as their major professor and served as a committee member of **29** graduate students (graduated), including students at other universities.
- Directed **46** industry sponsored research/design projects with total amount of **US\$730,500.00**. Among these 46 projects, 12 were sponsored by the PlayCore since 2005.
- Totally **46** students received recognitions from regional, national, and international competitions.

#### B. Research/Creative Work

##### 1. Books.

Industrial Design Handbook: Chapter 2 Design Methods. Chemistry Industry Press, Beijing, China, 2007. Tin Man Lau.  
An approach of Establishing a Perspicuous Archetype for a Product, University Microfilms International, Ann Arbor, MI., 1990. This was a research abstract of my Master's degree done in June 1986.

##### 2. Article-length publications. (since 2010)

"Design for Real". 2016 Hawaii International Conference on Arts and Humanities. Tin-Man Lau. Conference Proceeding ISSN#1541-5899.

"The Analysis of Teaching Method and Student Response in an Industrial Design Studio". 2016 Hawaii International Conference on Arts and Humanities. Minyan Xia, and Tin-Man Lau. Conference Proceeding ISSN#1541-5899.

"Inclusive Playground Design". 2014 Hawaii International Conference on Arts and Humanities. Tin-Man Lau, Chyun-Chau Lin, Chiu-Ter Chiu, and Chih-Ching Hung. Conference Proceeding ISSN#1541-5899.

"Mobilizing Design Students in Social Design Projects". 2013 Hawaii International Conference on Arts and Humanities. Tin-Man Lau, Chyun-Chau Lin, Chiu-Ter Chiu, and Chih-Ching Hung. Conference Proceeding ISSN#1541-5899.

"Philanthropic Design: Preparing Design Students to Serve". 2012 Hawaii International Conference on Arts and Humanities. Tin-Man Lau, Chyun-Chau Lin, Nien-Te Liu, and Chiu-Ter Chiu. Conference Proceeding ISSN#1541-5899.

"Second Life to Reclaimed Wood". 2012 Hawaii International Conference on Arts and Humanities. Tin-Man Lau. Conference Proceeding ISSN#1541-5899.

"Philanthropy – Design for the Needy". 2012 Hawaii University International Conferences On Arts and Humanities. Tin-Man Lau, Chyun-Chau Lin, Nien-Te Liu, and Chiu-Ter Chiu.

"Revitalization of Reclaimed Wood". 2012 Hawaii University International Conferences On Arts and Humanities. Tin-Man Lau.

"Design for Needs Rather Than Wants – Design for Disaster Relief". 2011 Hawaii International Conference on Arts and Humanities. Tin-Man Lau, Chyun-Chau Lin, Nien-Te Liu, and Chiu-Ter Chiu. Conference Proceeding ISSN#1541-5899.

"Benefits of Free Play and Play Design" 2011 Hawaii International Conference on Arts and Humanities. Tin-Man Lau. Conference Proceeding ISSN#1541-5899.

"Ren Design - An Inclusive Design Exercise". 2010 Hawaii International Conference on Arts and Humanities. Tin-Man Lau, Chyun-Chau Lin, Chiu-Ter Chiu, and Nien-Te Liu. Conference Proceeding ISSN#1541-5899.

"A design guideline for applying Taiwanese Opera costume aesthetics to modern chair design". 2010 Hawaii International Conference on Arts and Humanities. I-Ju Chen, and Tin-Man Lau. Conference Proceeding ISSN#1541-5899.

"From Two-Dimensional Cultural Visual Cues to Product Form Designs". 2010 Hawaii International Conference on Arts and Humanities. Yi Sheng Goh, I-Ju Chen, and Tin-Man Lau. Conference Proceeding ISSN#1541-5899.

### 3. Grants and contracts. (Total \$190,600)

Gallagher, T., Sibley, J., McDonald, T., Eakes, D., Lau, T.-M., Grant, "Development of a Value-Added Forestry Enterprise", USDA-CREES Specialty Crops Research Initiative, Federal, Submitted/Under Review.

Received **CADC Seed Grant** of \$8,500.00 working on research "Second Life to Unwanted Wood for the Needy". Fall 2009

Co-principal investigator of a research project titled "Investigation of Computer Enhanced Design." A **\$70,000** equipment and cash grant from IBM. The research is focused on discovering applications of computer technology in the product design process. This is a joint research with Prof. Bret Smith. 1989 - 1992.

One of the principal investigators of a research sponsored by Seiko Mead Company, Miamisburg, Ohio, titled "Color Application in Business Communication", phase 1. A **\$55,000** contract research project. This was an interdisciplinary research between the Industrial Design and Psychology Departments. This was a joint research with Dr. Walter Schaer, Dr. Peter Harzem and Prof. Bret Smith. The research was featured in *AU Report*, Vol. 23, No. 9 and *AU Research Profiles* 1989-1990. January 1990.

Team member working on a collaborative research project between the Industrial Design Department and Psychology Departments titled "Design of Computer Controlled Work Station for the Teaching of Basic Drawing Skills."-- A Behavior-Engineering through Computer-Based Instruction. The project was funded **\$4,200** by the School of Architecture and Psychology Department, Auburn University. 1989.

Co-principal investigator of a **\$2,900** research funded by a Grant-in-Aid, Auburn University, titled "To Define and Articulate Human Factors Problem Areas in Residential Living Environments for the Elderly". Results of the research were presented at the Eighth Annual Conference of the Alabama

Gerontological Society. This was a joint research with Prof. Bret Smith. The research was featured in *AU Report*, Vol. 22, No. 24, 1988.

Design team member of a project "Design Proposal for NASA Space Station Habitation Module Interior Environment". A **\$50,000** contract research grant from Martin Marietta Aerospace Corporation. The research team consisted of faculty from the Departments of Architecture, Building science and Industrial design. Responsibilities included the design of products and furniture for the module, utilizing space usage, investigating human factors, manufacturing process and rendering presentation drawings. February 1987.

4. Grants received related to teaching. (Total US\$730,500.00)

Directing industry collaboration projects with students developing design concepts for PlayCore (2005 to present), Sloss Furnace Museum, Brother International (1993-2004), Peak Season, Vipaar, Emerson, AU SGA, MedSnap, Thermo Fisher Scientific, Winsted, Summer Classics, Frigidaire Home Products, NASA, DOE, Techsonic Industries, etc.

### C. Outreach

#### **International Experiences**

Organized and directed the annual Study **Abroad Taiwan Program** for 15 years from 2004 to 2017

### D. Service

1. University Service

#### **University**

Academic Honesty Committee 2016-2018  
Faculty Grievance Committee 2016-2019  
Alumni Professorship Committee 2013-2014  
Student Discipline Committee 2013-2016  
International Student Committee 2010-2013  
Program Review Committee 2009-2012  
Mentor of the Colleague Circles for the New Faculty Scholars program 2006-2007  
International Student Committee 2005-2008  
University Senate 2002-2005  
University SACS Education Support Services Committee - 2003  
Graduate Council. 1997-2000  
University Senate. 1990-1993, 2001-2004

#### **College**

College Curriculum Committee 2014-present  
College Budgetary Committee 2014-present  
College Ph.D. Committee 2014-present  
College Program Chairs committee 2014-present  
College International Programs Committee 2009-present  
College Endowed Professorship Committee 2014-present

#### **Department**

Director of Taiwan Study Abroad Program. 2004-present.  
Faculty Search Committee. 2004, 2005, 2007, 2012  
Faculty Search Committee, Chair. 2002  
Department Computer Laboratory Coordinator. 1990-1994.  
Department Graduate Committee. 1990-present.  
Department Curriculum Committee, Chair. 1990-1993.  
Department Faculty Search Committee. 1988.

2 Professional Service:

#### **Membership**

Member of Industrial Designers Society of America. 1986-1996, 2006-present.  
Board Member of Design Alabama. 1996 - 2004  
Member of the Phi Beta Delta, Honor Society for International Scholars. 1992

Member of Chinese Association of Industrial Design, PRC. 1992.  
Member of Mid South Education Research Association 1991-1992.  
Member of American Association of University Professors. 1990-1992.  
Member of Society of Computer Simulation. 1987-1990.  
Affiliate Member of IEEE. 1988-1990.